

Features

- **Multicast VoIP Technology**
- **Serverless Architecture**
- **Full Duplex Communication**
- **Efficient 30 Watt Class D Amplifier**
- **Ambient Level Sensing (ALS)**
- **Remote Terminal Unit (RTU) Operation for Input/Output Applications**
- **Remote Monitoring**
- **CAT5/5E Network Connection**

Options

- **Five Party Lines**
- **Indoor or Outdoor Stations**
- **Handset or Speaker Amplifier**
- **AC (120/230v) and PoE/PoE+ Operation**



Handset/Speaker
Amplifier Station



Speaker Amplifier Station

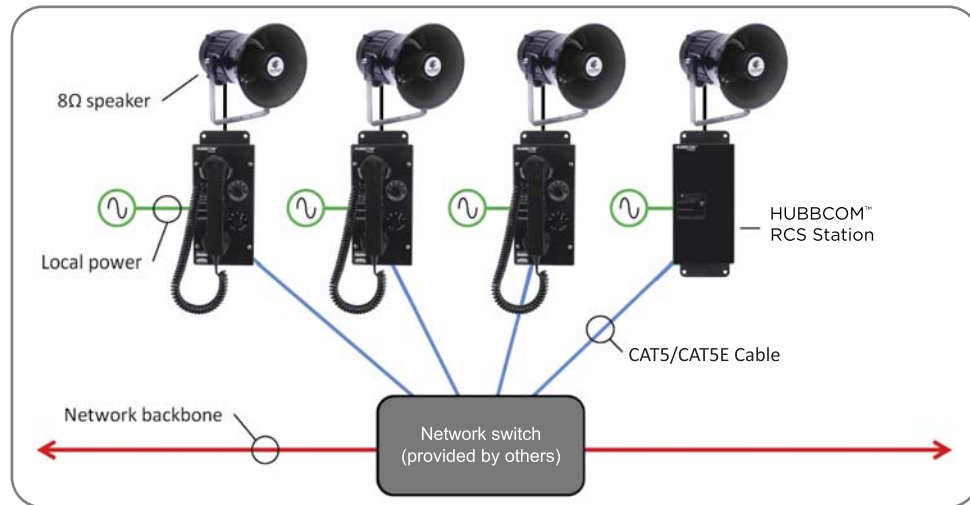
HUBBCOM™ RCS is an ideal addition to a HUBBCOM™ system when communication in noisy, dirty or rugged environments is needed but special certifications for hazardous areas are not required. HUBBCOM™ RCS provides overhead speaker paging and general intercom functions whether seamlessly integrated into a HUBBCOM™ network or as a stand-alone system.

Combining simple operation with advanced multicast Voice over Internet Protocol (VoIP) technology, HUBBCOM™ RCS is capable of providing virtually instant communication in demanding environments. HUBBCOM™ RCS is a serverless system. While other systems rely on servers to route calls and administer the system, HUBBCOM™ RCS uses multicast technology, bypassing the need for servers and resulting in increased

efficiencies. No server is needed to set up call routing and conference bridges, so HUBBCOM™ RCS can provide immediate one-way overhead speaker paging and full-duplex intercom communication.

There is no keypad and there are no extensions to memorize. Simply lift the handset, select a paging zone, squeeze the handset pressbar and make an announcement over the system speakers. HUBBCOM™ RCS performs its own preventative maintenance and will notify you of any problems or system issues via e-mail. Every RCS station is capable of being configured with unique characteristics, including priority, zone destinations, volume levels and much more.

Typical Block Diagram



Specifications

Electrical

Power Supply PoE/PoE+
AC Supply Voltage 120/230 V ac
Input frequency range 50/60 Hz
Network Requirements 100Base T network with IGMP

Handset

Microphone Dynamic, noise-cancelling
Microphone Noise Discrimination 18dB @ 250Hz
Receiver Dynamic, hearing aid compatible
Material ABS
External Control Push-to-page handset pressbar

Speaker Amplifier (AC)

Max Output 30W into 8Ω load

Speaker Amplifier (PoE)

Max Output 14W into 8Ω load with PoE+
6W into 8Ω load with PoE

Mechanical

Construction 16 gauge cold-rolled steel
Finish Black powder coating
Dimensions (overall) 12.5 H x 5.25 W x 7.34 D inches
(317.5 x 133.4 x 188.4 mm)
Temperature range -22° F to +140° F (-30° C to +60° C)
Relative Humidity 95%, non-condensing

Network Connection

CAT5/5E Stations Screw Terminals

Approvals

Electrical Safety UL60950
CAN/CSA-22.2 No. 60950

RCS Model Numbers

Model Number	Description
910-320R300	Indoor AC speaker amplifier station
910-C20R300	Indoor PoE+ speaker amplifier station
920-320R300	Outdoor AC speaker amplifier station
920-C20R300	Outdoor PoE+ speaker amplifier station
915-141R300	Indoor AC handset/speaker amplifier station
915-A41R300	Indoor PoE+ handset/speaker amplifier station
925-141R300	Outdoor AC handset/speaker amplifier station
925-A41R300	Outdoor PoE+ handset/speaker amplifier station